

ABSTRACT OF THE DISCLOSURE

A Web service coordination plan creating method according to this invention includes a first step of matching the predicate of the precondition with the predicate of the user data and matching the predicate of the post condition with the predicate of the user's request in respect to one application program. The method further includes a second step of matching the predicate of the precondition with a first predicate including the predicate of the user data unmatched in the first step and matching the predicate of the post condition with a second predicate including the predicate of the user's request unmatched in the first step in respect to other application programs excluding the one application program.